APRIL/MAY 2025

FEL62/CEL52/BEL52 — CELLULAR MOBILE COMMUNICATION

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Expand CDMA.
2. Define DECT.
3. What is meant by SS7?
4. What is meant by MIN?
5. Define Tariff administration.
6. Expand HSCSD.
7. Expand WTP.
8. Define wireless Application environment.
9. List out the Bluetooth core protocols.
10. What is meant by PACS WLL System?

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SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain Evolution of cordless telephony.

Or

(b) Describe about the digital cellular system.

12. (a) Write short notes on Handoff measurement.

Or

(b) Write short notes on SS7.

13. (a) Explain the short message relay layer.

Or

(b) Discuss about the international GSM call setup.

14. (a) Explain the wireless transport layer security.

Or

(b) Write about the wireless markup language.

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15. (a) Elucidate the quality of service in 3G.

Or

(b) Explain the Bluetooth core protocols.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Give an account on third generation wireless systems.

17. Discuss about the cellular digital packet data.

18. Discuss about the call recording functions.

19. Describe about the wireless transaction protocol.

20. Explain the impact on manufacture and operation technologies.

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